

PATENT

Serial No. 10/538,204

Amendment in Reply to Office Action mailed on December 22, 2008

IN THE DRAWINGS

Please replace FIG. 2 with the enclosed replacement FIG. 2.

IN THE SPECIFICATION

Please replace the paragraph beginning on page 3, line 1, with the following amended paragraph:

According to one aspect of the present invention, the video phone system 210 includes an image processor 230 for use in the video phone system 210. The image processor 230 includes a memory 240 for storing an image containing at least a portion of a head of a user, and a head pose corrector 250 that (i) estimates an orientation of the head in the image using a pattern recognition technique (as described further herein); (ii) computes a three dimensional model of a face surface of said user using a computer vision technique; and (iii) adjusts an orientation of said three dimensional face surface model to provide a frontal view. The a head pose corrector 250 that~~employs~~ a head pose estimation and correction process 300, discussed further below in conjunction with FIG. 3. The head pose corrector 250 may be integrated with a conventional video phone system 100 in a single unit, such as a desktop phone, or may be embodied as a modular attachment to a conventional video phone system 100, as would be apparent to a person of ordinary skill in the art.